

~~SECRET~~

~~PRECEDENCE~~

OUT53755

Declassification Review by NGA/DoD

16 JUL 1964

~~HPS~~

1964 JUL 15 20 38Z

~~CIS~~

~~CFC~~

~~ENS~~

~~ACL~~

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Grace (File)

P 15 1945Z *multi*  
FM NPIC WASHDC  
TO RUCSBR/SAC OFFUTT AFB OMAHA NEB  
RUCVAA/4080 STRAT WG OL 19 BARKSDALE AFB LA  
RUCVAA/2D RTS BARKSDALE AFB LA  
RUEAHQ/DIA WASHDC  
RUECYH/NAVRECONTECHSUPPCEN SUITLAND MD  
RUWBKN/15TH AF MARCH AFB RIVERSIDE CALIF  
RUWGAA/2AF BARKSDALE AFB LA  
BT  
SECRET CITE NPIC 2591

15TH AF (FOR DI), SAC (FOR DIM/GOLDEN TREE/DOCR, DM 4) 2D AF (FOR DI).

1. CAMERA B 15 WAS EMPLOYED IN MISSION 3923 FLOWN 13 JULY 1964; PROCESSING WAS ACCOMPLISHED AT NAV RECON TECH SUPPCEN.

2. ORIGINAL NEGATIVE:

A. THE EXPOSURE IS ADEQUATE AND THE RESOLUTION IS GOOD.

B. 9R SIDE: A ROW OF MINUS DENSITY DOTS, SPACED 1.55" APART, IS PRESENT 3.05" FROM AND PARALLEL TO THE OUTBOARD EDGE OF THE FILM THROUGHOUT THE MISSION. A CONTINUOUS PLUS DENSITY STREAK OCCURS 3.4" FROM AND PARALLEL TO THE INBOARD EDGE OF THE FILM. A MINUS DENSITY STREAK 0.1" LONG AND ROUGHLY PERPENDICULAR TO THE FILM EDGES IS NOTED ON FRAMES 474 THROUGH 560. THIS STREAK, FIRST NOTED NEAR THE CENTER OF THE FILM, GRADUALLY PROGRESSES ALONG A LINE 0.68" FROM THE TRAILING EDGE OF EACH FORMAT UNTIL IT DISAPPEARS AT THE OUTBOARD EDGE BORDER OF FRAME 560. IT THEN REAPPEARS INTERMITTENTLY THROUGHOUT THE MISSION ON THE SAME LINE BUT WITHIN 0.3" OF THE OUTBOARD EDGE OF THE FORMAT. INTERMITTENT EDGE STATIC IS PRESENT ALONG THE INBOARD EDGE OF THE FILM THROUGHOUT. MANUFACTURER'S SPLICES ARE PRESENT IN FRAMES 71 AND 1229 WITH ASSOCIATED STATIC TRACES AND EDGE FOGGING ON

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GROUP  
Excluded from  
downgrad  
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ADJACENT FRAMES. A WAVERING PLUS DENSITY STREAK, APPROXIMATELY 0.2" WIDE, OCCURS RANDOMLY LOCATED IN FRAMES 33-43, 1034-1042 AND 1061. A HEAT SPLICE IS MADE THROUGH FRAME 1064.

C. 9L SIDE: THERE IS INTERMITTENT STATIC ALONG BOTH EDGES THROUGHOUT THE MISSION. EMULSION DIGS ARE NOTED IN FRAMES 255, 256, 1805 AND 1806. HEAT SPLICES AND ASSOCIATED HANDLING MARKS AND CRIMPS ARE PRESENT IN FRAME 1152 AND BETWEEN FRAMES 1801/1802, 1806/1807. THERE IS A PLUS DENSITY AREA ADJACENT TO THE DATA CHAMBER THAT HAS BEEN REPORTED ON NUMEROUS OTHER MISSIONS EMPLOYING BOTH THIS CAMERA AND CAMERA NUMBER 101.

D. BOTH SIDES: CONSIDERABLE IMAGE DEGRADATION WAS OBSERVED DUE TO ATMOSPHERIC HAZE, AND IMAGE STREAKING ABOUT THE ROLL AXIS PROBABLY CAUSED BY VEHICLE MANEUVERS. THERE ARE 2226 TITLED FRAMES ON EACH SIDE.

E. THERE WERE NO MAJOR CAMERA MALFUNCTIONS OR PROCESSING PROBLEMS ENCOUNTERED DURING THIS MISSION.

3. POSITIVE:

A. PRINTING AND PROCESSING WERE GOOD.

B. PI SUITABILITY IS GOOD WHERE NOT DEGRADED BY ITEMS MENTIONED IN PARA 2D ABOVE.

C. CLOUDS OBSCURE APPROXIMATELY 20 PERCENT OF THE MISSION.

S E C R E T

--END OF MESSAGE--